

UNITED STATES PATENT OFFICE.

MARY G. PRICE, OF ST. LOUIS, MISSOURI.

TUCK-MARKER FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 239,113, dated March 22, 1881.

Application filed April 12, 1880. (Model.)

To all whom it may concern:

Be it known that I, MARY GORDON PRICE, of St. Louis, Missouri, have invented a new and useful Improvement in Tuck-Markers for Sewing-Machines, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1 is a view in perspective of the improved attachment, the slide being opened out; Fig. 2, a perspective view of the front end of the same, the slide being closed to form a narrow tuck, the presser-foot being shown in place and the marker not being shown; Fig. 3, a perspective view of the front end of the main plate; Fig. 4, a plan of the slide, the marker not being shown; Fig. 5, a bottom view of the main plate; Fig. 6, a perspective view of the presser-foot, and Fig. 7 a vertical section taken on the line *x x* of Fig. 2.

The same letters denote the same parts.

By means of the present invention a very narrow tuck can be made.

The attachment is especially adaptable to sewing-machines wherein the feed-plate extends upon both sides of the needle.

The invention consists in certain improvements in the construction and combination of parts, as hereinafter fully described and claimed.

Referring to the drawings, A represents a tuck-marker having the improvement, and, saving as modified thereby, being of the usual description.

B represents the main plate, C the slide, and F F' the upper creasing member, of the marker and its actuating-arm.

The plate B, in its under side, *b*, has a recess, *b'*, which may be formed either by removing a portion of the plate or by striking up the plate, as shown, the aim being to provide room for that portion of the feed-plate E which projects above the bed-plate F², and to enable the front end of the plate to be moved over the feed, as indicated in Figs. 2 and 7. The gage-flange *b*² extends only a part of the length of the front edge of the plate, leaving an offset, *b*³, Figs. 1, 2, 3, and 5.

The slide C is formed with a flanged extension, C', as shown in the drawings, and a slot, *c*, which is continued out to the flanged extension. This construction allows the slide to be moved in upon the plate B much farther than in tuck-markers where the end of the slot is

closed by a piece which would obstruct the inward movement of the slide.

D represents the presser-foot. One-half of the toe *d*, from the needle-hole *d'* outward, is removed, and when the tuck-marker is in position for use the gage-flange *b*² of the plate B comes in the offset thus formed in the presser-foot, while the portion *d*² of the latter comes in the offset *b*³ of the plate B, and in practice the parts of the tuck-marker and the presser-foot can be brought as closely together as indicated in Fig. 2, in which position the needle is almost in line with the gage-flange *b*² and the flanged extension C' just far enough from the flange *b*² to admit the presser-toe *d*. This enables a tuck to be made of a width narrower than the width of the toe *d*. At the same time the tuck-marker can be opened out to form tucks of the usual width. The plate B has in its upper side a rib, *b*⁴, to guide the movement of the slide upon the plate.

The upper creasing member, F', of the marker is secured at its rear end to an arm or plate, *g*, attached to the slide C, and has a recess or depression, *f*, in its upper face, into which the hook-shaped end of the actuating-arm F enters to operate said member. The entrance of the actuating-arm into said recess is assured by the rounded form of the upper face of this member, which insures the entrance of the arm in said recess should it strike F on either side of such recess. The actuating-arm F terminates at its rear end in a coiled spring, G, whose end is secured to the rear end of the plate or arm *g*, as shown in Fig. 1.

I claim—

1. The combination of the plate B, having recess *b'*, gage-flange *b*², and offset *b*³, the slide C, having flanged extension C', and slot *c*, the whole adapted for use with a presser-foot, D, having an offset, substantially as and for the purpose set forth.

2. A tuck creaser or marker consisting of the main plate B, having recess *b'*, gage-flange *b*², and offset *b*³, slide C, having flanged extension C' and slot *c*, upper creasing member, F', rounded on a portion of its upper face and recessed at *f*, and the actuating-arm F, substantially as described.

MARY GORDON PRICE.

Witnesses:

T. L. CRAWFORD,
THOMAS C. BAKER.